

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011416\
 Data File : BM004014.D
 Acq On : 14 Jan 2016 15:26
 Operator : SJ/UM
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02057

Quant Time: Jan 14 17:15:39 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 06:45:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	39999	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	194138	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	114131	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	252705	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	211440	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	185985	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	6465	7.23	ng/uL	0.00
5) Phenol-d5	6.85	99	73987	22.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	40898	21.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	60981	22.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	62872	23.36	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	31051	21.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	34394	21.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	61965	21.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	69148	18.39	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	188798	21.07	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	237165	21.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	33205	20.63	ng/ul	0.00
58) Fluorene-d10	15.32	176	165188	21.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	25326	17.77	ng/ul	0.00
71) Anthracene-d10	17.17	188	253178	21.66	ng/ul	0.00
79) Pyrene-d10	19.47	212	251208	22.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	199624	21.49	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	7503	7.23	ng/uL	97
4) Benzaldehyde	6.81	77	49379	25.36	ng/ul	99
6) Phenol	6.87	94	79954	22.82	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.09	93	58528	22.20	ng/ul	96
10) 2-Chlorophenol	7.23	128	64848	22.73	ng/ul	99
11) 2-Methylphenol	8.12	108	62619	23.38	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.20	45	65913	22.75	ng/ul	98
14) Acetophenone	8.49	105	101842	24.30	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.47	70	50193	23.86	ng/ul	97
16) 4-Methylphenol	8.44	108	69427	23.91	ng/ul	100
17) Hexachloroethane	8.73	117	24404	22.16	ng/ul	99
20) Nitrobenzene	8.86	77	75058	21.77	ng/ul	97
21) Isophorone	9.38	82	139884	21.85	ng/ul	98
23) 2-Nitrophenol	9.57	139	38670	21.74	ng/ul	97
24) 2,4-Dimethylphenol	9.64	107	78417	21.99	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.87	93	83618	21.14	ng/ul	99
27) 2,4-Dichlorophenol	10.11	162	65085	22.16	ng/ul	99
28) Naphthalene	10.50	128	223405	22.09	ng/ul	99
30) 4-Chloroaniline	10.62	127	73265	19.24	ng/ul	98
31) Hexachlorobutadiene	10.79	225	38792	21.45	ng/ul	99
32) Caprolactam	11.37	113	20695	22.02	ng/ul	95
33) 4-Chloro-3-methylphenol	11.76	107	74063	22.54	ng/ul	100
34) 2-Methylnaphthalene	12.12	142	162225	22.68	ng/ul	98

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35) 1-Methylnaphthalene	12.35	142	153130	22.55	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	78132	21.40	ng/ul	99
38) Hexachlorocyclopentadiene	12.47	237	17236	9.01	ng/ul	99
39) 2,4,6-Trichlorophenol	12.75	196	50141	21.31	ng/ul	99
40) 2,4,5-Trichlorophenol	12.82	196	54987	21.56	ng/ul	99
41) 1,1'-Biphenyl	13.15	154	206778	21.51	ng/ul	99
42) 2-Chloronaphthalene	13.19	162	157670	21.87	ng/ul	99
43) 2-Nitroaniline	13.40	65	44979	22.42	ng/ul	97
45) Dimethylphthalate	13.78	163	195946	21.45	ng/ul	99
46) 2,6-Dinitrotoluene	13.90	165	41080	22.82	ng/ul	93
48) Acenaphthylene	14.04	152	263242	22.01	ng/ul	99
49) 3-Nitroaniline	14.23	138	42105	21.58	ng/ul	98
50) Acenaphthene	14.39	153	175002	22.13	ng/ul	98
51) 2,4-Dinitrophenol	14.45	184	14306	16.38	ng/ul	97
53) 4-Nitrophenol	14.56	109	26232	20.63	ng/ul	96
54) Dibenzofuran	14.72	168	242911	21.94	ng/ul	100
55) 2,4-Dinitrotoluene	14.70	165	60890	23.28	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.96	232	45075	22.07	ng/ul	99
57) Diethylphthalate	15.15	149	201855	21.80	ng/ul	100
59) Fluorene	15.37	166	198717	22.63	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.37	204	93295	22.03	ng/ul	97
61) 4-Nitroaniline	15.40	138	48444	23.71	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.47	198	28043	18.43	ng/ul	97
65) N-Nitrosodiphenylamine	15.59	169	169728	21.38	ng/ul	99
66) 4-Bromophenyl-phenylether	16.26	248	55124	21.03	ng/ul	98
67) Hexachlorobenzene	16.39	284	62166	21.71	ng/ul	96
68) Atrazine	16.54	200	59548	21.65	ng/ul	100
69) Pentachlorophenol	16.73	266	28395	20.37	ng/ul	100
70) Phenanthrene	17.12	178	312895	22.02	ng/ul	100
72) Anthracene	17.20	178	320177	21.97	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.12	216	73635	18.16	ng/uL	100
74) Pentachlorobenzene	14.64	250	72639	20.19	ng/uL	99
75) Carbazole	17.48	167	285483	22.27	ng/ul	99
76) Di-n-butylphthalate	18.04	149	350773	22.41	ng/ul	100
77) Fluoranthene	19.14	202	339345	22.98	ng/ul	98
80) Pyrene	19.50	202	344342	23.99	ng/ul	97
81) Butylbenzylphthalate	20.41	149	155147	26.77	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.20	252	92844	25.34	ng/ul	98
83) Benzo(a)anthracene	21.26	228	278486	22.12	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	221054	28.82	ng/ul	100
85) Chrysene	21.32	228	261363	21.85	ng/ul	100
87) Di-n-octyl phthalate	22.07	149	368071	29.69	ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	252613	22.34	ng/ul	100
89) Benzo(k)fluoranthene	22.89	252	231795	21.54	ng/ul	99
91) Benzo(a)pyrene	23.42	252	234804	21.90	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.77	276	267975	22.59	ng/ul	99
93) Dibenzo(a,h)anthracene	25.77	278	224694	22.55	ng/ul	98
94) Benzo(g,h,i)perylene	26.46	276	227336	22.82	ng/ul	99

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(#)=qualifier out of range (m)=manual integration (+)=signals summed						

